

CLAIMS

I claim:

- 5 1. A system for diagnosing hemostasis utilizing a communication network, the system comprising:

10 a blood hemostasis analyzer for testing a blood sample and providing at least one parameter indicative of hemostasis, the blood hemostasis analyzer including an interface for communicatively coupling the blood hemostasis analyzer to the communication network;

15 an analysis tool communicatively coupled to the communication network, the analysis tool including an algorithm operable on the parameter to provide a result; and

wherein the blood hemostasis analyzer communicates the parameter to the analysis tool via the communication network and the analysis tool generates the result based upon the algorithm and the parameter.
2. The system of claim 1, wherein the parameter comprises one of the parameters selected from the group of parameters comprising: a fibrin formation time, a fibrin build-up rapidity factor, a clot strength maximum amplitude and a rate of amplitude reduction.
- 20 3. The system of claim 1, wherein the result comprises an indication of patient hemostasis.
4. The system of claim 1, wherein the result comprises a treatment recommendation.

5. The system of claim 1, wherein either of the hemostasis analyzer and the analysis tool are coupled to the communication network wirelessly.

6. The system of claim 1, wherein the analysis tool includes a database of patient
5 information.

7. The system of claim 6, wherein the analysis tool generates the result based upon the algorithm, the parameter and the patient information.

8. The system of claim 1, wherein the algorithm includes signature analysis.

9. A method for diagnosing hemostasis utilizing a communication network, the method comprising the steps of:

determining a hemostasis parameter from a blood sample;

15 communicating using the communication network the hemostasis parameter to an analysis tool including an algorithm; and

determining a result from the hemostasis parameter using the algorithm.

10. The method of claim 9, further comprising the step of:

20 wherein the step of communicating comprises the step of coupling a hemostasis analyzer to the communication network.

11. The method of claim 9, wherein the step of determining a result comprises providing a treatment recommendation.

17. The system of claim 15, wherein the hemostasis analyzer is at least one of wired and wirelessly coupled to the interface tool.

18. The system of claim 15, wherein the interface tool is wirelessly coupled to the
5 communication network.

19. The system of claim 15, wherein the interface tool is wirelessly coupled to the
hemostasis analyzer.

20. The system of claim 15, wherein the interface tool comprises one of a personal
computer, a personal digital assistant and a web enabled wireless communication device.